

AMENDMENTS TO THE CLAIMS

1. **(Original)** A coded signal reproduction apparatus comprising:

matching status information output means for detecting the matching status of a code which is input for every predetermined bit with a prefix code of a packet start code, and outputting matching status information of a head part of the packet start code; and

data format means for outputting predetermined data in accordance with the matching status information.

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2. **(Currently amended)** A coded signal reproduction apparatus as described in ~~Claim 1~~ Claim 1, wherein the said matching status information output means includes:

a head code detection unit for detecting the matching status of the head part of the packet start code at every predetermined bit from the input code sequence, and outputting matching information at the present point of time; and

a matching status historical information hold unit for receiving the matching information at the present point of time, and holding historical information of the matching status of the head code.

3. **(Currently amended)** A coded signal reproduction apparatus as described in ~~Claim 1~~ Claim 1, wherein the said matching status information output means includes:

a head code detection unit for detecting the matching status of the head part of the packet start code at every predetermined bit from the input code sequence, and outputting matching information at the present point of time; and

a matching status historical information hold unit for receiving the matching information at the present point of time, and holding historical information of the matching status of the head code; and

start code discrimination means for discriminating the packet start code by using the historical information and a packet start code identifier existing in the latter half part of the packet start code.

4. **(Currently amended)** A coded signal reproduction apparatus as described in ~~Claim 1~~ Claim 1, wherein ~~the said~~ matching status information output means includes:

a head code detection unit for detecting the matching status of the head part of the packet start code at every predetermined bit from the input code sequence, and outputting matching information at the present point of time; and

a matching status historical information hold unit for receiving the matching information at the present point of time, and holding historical information of the matching status of the head code; and

a start code discrimination unit for discriminating a hierarchy start code of video data in accordance with the historical information and a video hierarchy identifier of coded video data which exists in a position corresponding to the latter half part of the packet start code.

5. **(Currently amended)** A coded signal reproduction apparatus as described in ~~Claim 1~~ Claim 1, further comprising: ~~including header analysis means for analyzing the header of the packet to output reproduction information when the input code sequence is coded video data;~~

header analysis means for analyzing the header of the packet to output reproduction information when the code which is input is coded video data;

wherein ~~the said~~ data format means inserts the reproduction information together with information indicating effectiveness of the reproduction information, in a predetermined position in the coded video data.

6. **(Original)** A coded signal reproduction apparatus as described in Claim 4 wherein said header analysis means includes a header analysis unit for analyzing the header of the packet and outputting the reproduction information, and a reproduction information hold unit for holding the reproduction information.

7. **(Original)** A coded signal reproduction apparatus as described in Claim 6 wherein said header analysis means is activated when the start code is identified.

8. **(Original)** A coded signal reproduction apparatus comprising:
end code sequence detection means for detecting, from code sequences of coded data, a code sequence indicating the end of the coded data; and

formatter means for adding a predetermined number of pseudo data to the rear of the code sequence indicating the end of the coded data so that the data bus width of pipeline transfer including the end of the coded data becomes equal to the bus width of pipeline transfer including other data, when a code sequence indicating the end of the code data is detected by the end code sequence detection means.

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9. **(Currently amended)** A coded signal reproduction apparatus as described in Claim 8 further including Claim 8, further comprising: ~~specific code sequence insertion means for inserting a specific code sequence in the last packet in a packet sequence before decoding;~~

specific code sequence insertion means for inserting a specific code sequence in the last packet in a packet sequence before decoding;

wherein said formatter means adds a predetermined number of pseudo data to the rear of the specific code sequence.

10. **(Previously presented)** A coded signal reproduction apparatus as described in Claim 1, wherein the input code sequence is a coded and multiplexed signal in which audio, video, and reproduction information annexed thereto are multiplexed.

11. **(Previously presented)** A coded signal reproduction apparatus as described in Claim 1 wherein the input code sequence is a coded and multiplexed signal in which audio, video, and reproduction information annexed thereto are multiplexed.

12. **(Previously presented)** A coded signal reproduction apparatus as described in Claim 2 wherein the input code sequence is a coded and multiplexed signal in which audio, video, and reproduction information annexed thereto are multiplexed.

13. **(Previously presented)** A coded signal reproduction apparatus as described in Claim 3 wherein the input code sequence is a coded and multiplexed signal in which audio, video, and reproduction information annexed thereto are multiplexed.

14. **(Previously presented)** A coded signal reproduction apparatus as described in Claim 4 wherein the input code sequence is a coded and multiplexed signal in which audio, video, and reproduction information annexed thereto are multiplexed.

15. **(Previously presented)** A coded signal reproduction apparatus as described in Claim 5 wherein the input code sequence is a coded and multiplexed signal in which audio, video, and reproduction information annexed thereto are multiplexed.

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16. **(Previously presented)** A coded signal reproduction apparatus as described in Claim 6 wherein the input code sequence is a coded and multiplexed signal in which audio, video, and reproduction information annexed thereto are multiplexed.

17. **(Previously presented)** A coded signal reproduction apparatus as described in Claim 7 wherein the input code sequence is a coded and multiplexed signal in which audio, video, and reproduction information annexed thereto are multiplexed.

18. **(Previously presented)** A coded signal reproduction apparatus as described in Claim 8 wherein the input code sequence is a coded and multiplexed signal in which audio, video, and reproduction information annexed thereto are multiplexed.
